

Hamza R. Chaudhry

Summary:

6 years of software development experience in client/server, middleware and web environment with focus on Analysis, Design, Development, Testing and Deployment and in domains like Ecommerce, Financial Market and Open Source Development.

- Extensive experience in Enterprise Development based on J2EE technologies.
- Experience in requirement gathering, designing, development and maintenance of software solutions.
- Extensive Experience on SDLC, Software Architecture Development (Analysis/Design).
- Expertise in Object Oriented Analysis & Design (OOAD) using different design methodologies, process frameworks like Agile, XP, RUP, tools like UML, Rational Rose.
- Strong Communication/Analytical skills and proven record of Teamwork and Leadership.

Certifications:

- IBM Certified Application Developer WebSphere Commerce V6.0
- Sun Certified Java Programmer (SCJP)

Educational Profile:

- Masters in Computer Science from SZABIST Institute of Science & Technology, Karachi
- Bachelors in Economics from Government College, Lahore

Tools & Technologies:

Tools & Technologies:	
CATEGORY	SKILLS
Languages	• C/C++, JAVA (Servlets, JSP, EJB, JMS, JNDI, JavaBeans, JDBC, RMI, Java Mail, Java XML Parser, Applets, JSTL, Networking, JNI etc.)
Frameworks	• Struts, Hibernate, EJB etc.
Development Tools	• Rational Application Developer (RAD), JBuilder, Eclipse
Application Servers	• WebSphere, Oracle9i, Tomcat
Project Design Tools	• Rational Rose, Erwin
Bug and Change Tracking	• Rational Clear Quest, HP Quality Center
Databases	• DB2, Oracle, MS SQL Server 2000
Performance Testing Tools	• Webload for load testing, JUnit for unit testing
Miscellaneous tools	• Ant, log4j, JUnit, AJAX, IBM MQ Series etc.

Work Experience – Project Details

RoyalCyber, INC. **CONSULTANT** **FEBRUARY 2007 to DATE**

Project: eStore Replacement **Retail Sector**
Client Name: Canon USA
Team Size: 20 members
Duration: In progress
Description: Developing online shopping solution for Canon using **IBM WebSphere Commerce V6.0**

Responsibilities:

- Integrating commerce with backend systems using MQ Series
- Using the mass load utility to load existing Members, Orders and Catalog data into the commerce database.
- Developed customized Controller and Task commands
- Extending the Database and creating the EJB's.

Project: Borders (R3) **Retail Sector**
Client Name: Borders, Inc.
Team Size: 15 members
Duration: 3 months
Description: Developed online shopping solution for Borders using **IBM WebSphere Commerce V6.0**

Responsibilities:

- Developed system's web interface using JSP's, JSTL, JavaScript and OOTB commands
- Developed customized Controller and Task commands
- Extending the Database and creating the EJB's.
- Creating build, deployment and monitoring of application on production server

Project: Things Remembered (Site Redesign) **Retail Sector**
Client Name: Things Remembered, Inc.
Team Size: 10 members
Duration: 6 months
Description: Developed Things Remembered Site Redesign and Upgrade from **IBM WebSphere Commerce V5.6 to IBM WebSphere Commerce V6.0**

Responsibilities:

- Developed system's web interface using JSP's, JSTL, JavaScript and OOTB commands
- Developed customized Controller and Task commands
- Extending the Database and creating the EJB's.
- Creating build, deployment and monitoring of application on production server

NETSOL TECHNOLOGIES

SR. SOFTWARE ENGINEER

JUNE 2006 to FEBRUARY 2007

Project: Electronic Credit Information Bureau (eCIB) **Financial Sector**
Client Name: State Bank of Pakistan
Team Size: 9 members
Duration: 9 months
Description: The aim of eCIB is to collect and maintain credit history of different financial institutions and other clients of the State Bank of Pakistan. The central repository provides two views of its data. One view is for the internal working of the bank, which is maintained in Oracle forms. The other view is for the clients who access the repository over the internet via a web browser.

Tools & Technologies: JDK 1.4, J2EE, XML, Oracle 9i database, Oracle 9i application server, Tomcat, Servlets, JSPs, Oracle forms, Struts, Hibernate, Custom Tags, AJAX

Responsibilities:

- Devised the system architecture & design documents using UML Analysis & Design models
- Involved in detailed design from the conceptual design includes Business Process Flows, Page Flows using mockups and component, use case, sequence and class diagrams
- Involved in identification of technology
- Setting up framework for development and defining architecture
- Developed Business Manager classes that perform business logic
- Developed system's web interface using Servlet, JSP and Tag Libraries
- Developed Java scripts, beans, command handlers, business classes and DAO classes
- Deployment and monitoring of application on production server
- Unit testing using JUnit and custom script for load testing
- Writing compilation and deployment scripts through Ant

Project: **Bilingual Word Processor** **IT integration**
Client Name: **NetSol Technologies**
Team Size: 5 members
Duration: 3 months
Description: The product is to cater company's own needs. It is a Java based word processor that is integrated into different web applications developed by NetSol for different clients.
Tools & Technologies: Java, J2SE (JDK 5), JavaBeans, JNI, Swing, Applet, RMI
Responsibilities:

- Developed the console using Swing
- Developed a Multi Threaded environment to make the console more responsive
- Used CVS for version control

ROYAL CYBER, INC. **SR. SOFTWARE ENGINEER** **OCTOBER 2005 to JUNE 2006**

Project: **Discounted Outdoors** **Retail Sector**
Client Name: **Discounted Outdoors, Inc.**
Team Size: 5 members
Duration: 6 months
Description: Developed online shopping solution for Discounted Outdoors using **IBM WebSphere Commerce V5.6**

Responsibilities:

- Developed system's web interface using JSP's, JSTL, JavaScript and OOTB commands
- Developed customized Controller and Task commands
- Extending the Database and creating the EJB's.

Project: **BBH Supplies** **Retail Sector**
Client Name: **BBH Supplies, Inc.**
Team Size: 2 members
Duration: 3 months
Description: Developed online shopping solution for BBH Supplies using **IBM WebSphere Commerce V5.6**

Responsibilities:

- Developed system's web interface using JSP's, JSTL, JavaScript and OOTB commands
- Developed customized Controller and Task commands

QUALITY CHECK, INC. **SOFTWARE ENGINEER** **JUNE 2002 to SEPTEMBER 2005**

Project: **Apollo Medical Solutions** **Healthcare Sector**
Client Name: **Quality Check, Inc.**
Team Size: 15 members
Duration: 3 years
Description: Apollo is an enterprise solution for the Healthcare Industry for managing physician's private practice, developed in an Application Service Provider model. The site URL is <http://www.apollolink.com>.

Tools & Technologies: JDK 1.3, J2EE, Struts, Hibernate, JSP, Servlets, AJAX, Quartz, EJB, Sitemesh, Ant, WordWriter, Pure Load Balancer, JUnit, JBuilder, Rational Rose, Rational ClearQuest, Erwin, Oracle 9i Application Server, Oracle 9i database, CVS, Linux

Responsibilities:

- Gathered business requirements through meetings with clients
- Developed use case document, sequence and class diagram of modules
- Developed ER diagram using class diagrams and use case documents as reference with Erwin
- Setting up of framework and reference implementation for development using J2EE patterns
- Intercepting Filter: Servlet Filters are used for authentication and managing user rights
- Business Tier: Developed Business Manager Classes that perform business logic. Service Locator is used to locate Business Managers. EJBs are also used as Business Managers where appropriate
- Integration Tier: This Tier is responsible for managing transactions
- DAO Tier: Used Abstract DAO Factory to return Database independent DAO classes for database access
- Presentation Tier: Struts was used as Presentation Layer Framework, Sitemesh used to decorate the pages with Templates defined. Developed JSP pages, Java Scripting, Struts tag libraries and Action Classes
- Setting up of Quartz for job scheduling
- Building Ant build scripts for compiling project
- Deploying application on Production Server and fine-tuning parameters for performance
- Developed load test scenarios and ran the load tests to measure module performance
- Configuration of SSL on Oracle 9i Application Server
- Documentation of Programming Guidelines, Coding Convention, Deployment Manuals